

SOME NEW RECORDS OF PSOCOPTERA FROM NORFOLK AND PHILLIP ISLANDS

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Abstract

Cerobasis questfalicus, *Lepinotus patruelis* and *Propsoocus pulchripennis* are recorded for the first time from the Norfolk-Phillip Island group. Eight species are recorded for the first time from Phillip and one from Norfolk Island. Eleven of the total of nineteen species appear to be endemic to the islands.

Introduction

Work on the insects of Norfolk Island and nearby Phillip Island has increased in recent years largely due to interest in the conservation of the fauna of these now very different islands. Smithers and Thornton (1974) gave an account of the Psocoptera which included fourteen species from Norfolk one of which was also recorded from Phillip. Smithers (1980) recorded another from Phillip and later (Smithers, 1981) provided a summary of records which included sixteen species, one of which was found on both islands and one of which was still known only from Phillip.

A recent collection of nearly 600 specimens, now in the Australian National Insect Collection includes three additional species. Table 1 gives a summary of the known occurrence of species on the islands. In the table the "endemic" column includes species which have not yet been recorded from anywhere other than Norfolk and/or Phillip Island.

Comments

Of the nineteen species listed sixteen are known from Norfolk and ten from Phillip. Nine are known from Norfolk but not from Phillip and three are known from Phillip but not Norfolk. Brief comments on habitat preferences were made by Smithers (1981). Little need be added other than to mention that *C. questfalicus*, *L. patruelis* and *P. pulchripennis* are probably all litter inhabitants on the islands.

The extent of collections made between 1968 and 1984 make it unlikely that many more species will be found on the islands.

Material of species previously unrecorded from Norfolk and Phillip Islands

TROGIIDAE

Cerobasis questfalicus (Kolbe). 3 ♀, 1 nymph, Phillip Island, Upper Long Valley, 26.iii-2.iv.1984, J. E. Feehan.

Lepinotus patruelis Pearman. 1 ♂, 1 ♀, Norfolk Island, Broken Pine Track, N.I.N.P., 15.xi.1984, L. Hill. 1 ♀, Norfolk Island, Rocky Point Reserve, 14.xi.1984, L. Hill.

ELIPSOCIDAE

Propsoocus pulchripennis (Perkins). 2 ♂, 1 ♀, Phillip Island, Moo-oo Beach, 20-24.xi.1984, T. A. Weir. 1 ♀, Phillip Island, Upper Long Valley, 20-24.xi.1984, T. A. Weir.

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TABLE 1
Summary of Psocoptera records for Norfolk and Phillip Islands.

	Norfolk Island		Phillip Island		'Endemic'
	Previously recorded	Present in ANIC material	Previously recorded	Present in ANIC material	
LEPIDOPSOCIDAE					
<i>Pteroxanium ralstonae</i>	x	x			x
<i>Pteroxanium evansi</i>	x	x		x	x
<i>Pteroxanium insularum</i>	x		x	x	x
<i>Lepolepis graemei</i>	x	x		x	x
TROGIIDAE					
* <i>Cerobasis guestfalicus</i>				x	
* <i>Lepinotus patruelis</i>		x			
CAECILIIDAE					
<i>Caecilius pacificus</i>	x	x		x	x
<i>Caecilius insulatus</i>	x				x
ECTOPOSOIDAE					
<i>Ectopsocus briggsi</i>	x	x			
<i>Ectopsocus insularis</i>	x	x		x	x
<i>Ectopsocus inornatus</i>	x	x			x
<i>Ectopsocus richardsi</i>			x		
PERIPSOIDAE					
<i>Peripsocus milleri</i>	x	x		x	
<i>Peripsocus norfolkensis</i>	x	x		x	x
PSEUDOCAECILIIDAE					
<i>Heterocaecilius variabilis</i>	x	x			x
PHILOTARSIDAE					
<i>Haplophallus emmus</i>	x	x			x
ELIPSOCIDAE					
* <i>Protopsocus pulchripennis</i>				x	
PSOCIDAE					
<i>Blaste lignicola</i>	x	x			
MYOPOSOIDAE					
<i>Myopsocus australis</i>	x	x			
Totals	15	14	2	9	11
	16		10		
		19			

References

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